|          | Index of Cla | ims |                          | Appli | icatio | on  | /Control No. |          | Applicant(s)/Pate Reexamination | nt under |  |  |  |
|----------|--------------|-----|--------------------------|-------|--------|-----|--------------|----------|---------------------------------|----------|--|--|--|
|          |              |     |                          | 10/7  | 22,66  | 61  |              |          | BERNS ET AL.                    | •        |  |  |  |
|          |              |     |                          | Exan  | niner  | •   |              |          | Art Unit                        |          |  |  |  |
|          |              |     |                          | Jose  | ph T   | ٠.١ | Woitach      |          | 1632                            |          |  |  |  |
|          | √ Rejected   | [-] | (Through numer Cancelled | ral)  | N      |     | Non-Elected  | A        | Appeal                          | •        |  |  |  |
|          | = Allowed    | +   | Restricted               |       | 1      |     | Interference | 0        | Objected                        |          |  |  |  |
| <u> </u> | Claim Date   |     | Claim                    |       | ate    |     | Claim        | <u> </u> | Date                            |          |  |  |  |

| Cl    | aim      | Г  |                              |            | _          | Date       | A        |                    | -          | _            | 1          | Cia            | im         | _  |              | _              | -          | Date         | -        |          |          | $\neg$   | ı    | Ci           | aim        |            |          |          | Г               | )ate      | _        |          |          | _ |
|-------|----------|--|------------------------------|------------|------------|------------|----------|--------------------|------------|--------------|------------|----------------|------------|--|--------------|----------------|------------|--------------|----------|----------|----------|----------|------|--------------|------------|------------|----------|----------|-----------------|-----------|----------|----------|----------|---|
|       |          | 1  | Τ                            |            | т'         | I          | Ť        | T-                 |            | _            | <b> </b> - | ۳              | Claim Date |  |              |                |            |              |          | ᅱ        | ٠.       | <u> </u> | 4011 | Date         |            |            |          |          |                 |           |          |          |          |   |
| Final | Original | 2/8/08   |                              |            |            |            |          |                    |            |              |            | Final          | Original   | 2/8/08   | 8/0/3        |                |            | 1            |          | ;        |          |          |      | Final        | Original   | 8/क्ष      |          |          |                 |           |          |          |          |   |
|       | 1        | 1  | Н                            | ╁╌         | 一          | ┢          | $\vdash$ | ┢                  |            | $\vdash$     | 1          | -              | 51         | +  |              | ⊢              | ┢          | Н            |          | $\dashv$ | 7        | ᅥ        |      | $\vdash$     | 101        | 7          | Н        | Н        | $\dashv$        | $\dashv$  | ┪        | 十        | +        |   |
| _     | 2        | ⊢  | Н                            | ┢╌         | t          | H          | ┢        | 一                  | Н          | ┢            |            | <b></b> -      | 52         | ۲  |              | ┝              | H          | 1            |          | $\dashv$ | +        | ┨        |      |              | 102        | 5          | Н        |          | $\vdash$        | ᅥ         | ᅥ        | 十        | $\dashv$ | - |
|       | 3        | ┢  | ┢                            | ╁╾         | H          | ┢─         | ┢        | ┢                  | $\vdash$   | Н            | ١.         |                | 53         | ₩-   |              | ┢              | ⊢          | $\vdash$     | _        | $\dashv$ | ╅        | ᅱ        | ·;   | <u> </u>     | 103        | ╁          | $\dashv$ | Н        | $\dashv$        | $\dashv$  | $\dashv$ | $\dashv$ | +        | _ |
|       | 4        | -  | $\vdash$                     | ┢          | ├          | ┢          | H÷       | ╁                  | $\vdash$   | $\vdash$     | 1          | $\vdash$       | 54         | H  | $\vdash$     | H              | ┢          | $\vdash$     | $\dashv$ | $\dashv$ | ╅        | ᅥ        |      | ├            | 104        | +          | $\vdash$ |          | $\dashv$        | $\dashv$  | -        | ╅        | +        | - |
| _     | 5        | ┢  | ┢                            | ╁─         | ╁          | -          | ┢        | -                  | $\vdash$   | $\vdash$     | ١.         |                | 55         | <del>                                     </del> | -            | ⊢              | ┝          | -            | -        | -        | ┪        | ᅱ        |      | <del></del>  | 105        | H          | $\vdash$ | $\vdash$ | $\dashv$        | -         | $\dashv$ | ┰        | +        | - |
|       | 6        | ┝  | ┝                            | ⊢          | ┝          | $\vdash$   | ⊢        | -                  | $\vdash$   | $\vdash$     | 1          | $\vdash$       | 56         | ₩  | $\vdash$     | ⊢              | ⊢          | Н            | -        | $\dashv$ | -+       | $\dashv$ |      |              | 106        | Н          | $\vdash$ | Н        | -               | $\dashv$  | -        | -        | $\dashv$ | - |
|       | 7        | ⊢  | ┝                            | ┢          | ┢          | ┢          | -        | ┝╾                 | -          | H            | 1          | $\vdash$       | 57         | ⊬  | $\vdash$     | ⊢              | ┝          | ┢            |          | $\dashv$ | $\dashv$ |          |      | <del> </del> | 107        | Н          |          | _        | -               | -         | $\dashv$ | -+       | $\dashv$ | - |
|       | 8        | -  | ┝                            | ┢╾         | ├          | ⊢          | ┝        | -                  | -          | -            | 1          | $\vdash$       | 58         | ╟─   | <del> </del> | <del>  -</del> | H          | $\vdash$     | -        | $\dashv$ | -        | ᅱ        | -    | $\vdash$     | 108        | Н          | $\dashv$ | -        | $\dashv$        | $\dashv$  | -        | $\dashv$ | $\dashv$ | - |
|       | 9        | ⊢  | -                            | ⊢          | $\vdash$   | $\vdash$   | ┝        | ┝                  | ┈          | -            |            | ┝─┤            | 59         | ₩—   | Н            | H              | H          | $\vdash$     |          | -        | $\dashv$ | ᅴ        |      | <u> </u>     | 109        | Н          | -        | Н        | $\dashv$        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | _ |
| _     | 10       | -  | ┝                            | ⊢          | ├-         | -          | -        | ⊢                  | H          |              | ŀ.:        |                | 60         | -  | -            |                | -          | -            | -        | $\dashv$ | -        | ᅱ        |      | _            |            | Н          | $\dashv$ | Н        | -               | $\dashv$  |          | +        | -+       | - |
|       | 11       | -  | H                            | ⊢          | ⊢          | -          | -        | ┢─                 | -          | ┝            |            | $\vdash$       | 61         | ╟─   | _            | ⊢              | ⊢          | -            | -        | $\dashv$ | -+       | ᅱ        |      | <u> </u>     | 110        | -1         | $\vdash$ | -        |                 | $\dashv$  |          | +        | +        | - |
|       |          | -  | ⊢                            | ├          | ┞          | -          | ⊢        | ⊢                  | -          | ├            | 1          |                | 62         | ⊩  |              | ├              |            | $\vdash$     | _        | $\dashv$ | -+       | $\dashv$ |      |              | 111        | Н          | $\vdash$ |          | $\vdash$        | $\dashv$  | -        | $\dashv$ | +        | _ |
|       | 12       | L  | ├                            | ⊢          | ⊢          | -          | ┡        | ⊢                  | $\vdash$   | ⊢            | <u>ا</u> . | <u> </u>       |            | ╟  | H            | H              | H          | Н            | $\dashv$ | $\dashv$ | -        | ᆛ        |      | <u> </u>     | 112        | ⊢∤         | Н        | Н        | $\vdash$        | $\dashv$  | $\dashv$ | -        | $\dashv$ | _ |
|       | 13       | <del>                                     </del> | ├-                           | ├-         | ⊢          | <u> </u>   | ⊢        | ├                  | Н          | <del> </del> |            | $\vdash$       | 63         | #-   | -            | $\vdash$       | ├-         | $\vdash$     | -        | $\dashv$ | -        | ᅴ        | ٠    | <u> </u>     | 113        | ₩          | $\vdash$ |          | $\vdash$        |           |          | $\dashv$ | -        | _ |
|       | 14       | L  | ├                            | ┞          | <u> </u>   | _          | <b>—</b> | ļ.,                | H          | -            |            | $\vdash$       | 64         | ₩  | <b> </b> -   | ┝              | ⊢          | $\vdash$     |          | -        | -        | $\dashv$ | : .  | <u> </u>     | 114        | H          |          | $\vdash$ | Н               | $\dashv$  | -        | $\dashv$ | $\dashv$ | _ |
|       | 15       | $\vdash$   | $\vdash$                     | $\vdash$   | ⊢          | H          | $\vdash$ | $\vdash$           | -          | <b>-</b>     |            | <b>  </b>      | 65         | H-   | -            | ⊢              | ⊢          | Н            | _        | $\dashv$ | -        | 4        |      |              | 115        | ₩          | Н        | $\vdash$ | $\vdash \vdash$ | $\dashv$  |          | $\dashv$ | +        | _ |
|       | 16       | $\vdash$   | ├-                           | -          | Ͱ          | -          | Ι        | ⊢                  | $\vdash$   | ⊢            |            | $\vdash\vdash$ | 66         | <del>                                     </del> | $\vdash$     | ⊢              | ⊢          | H            | $\vdash$ | $\dashv$ | -        | 닉        | : :  | <u> </u>     | 116<br>117 | ₩          | $\vdash$ | Н        | $\vdash$        | $\dashv$  | -        | $\dashv$ | $\dashv$ | _ |
|       | 17       | -  | ├                            | ┡          | ┢          | ├          | _        | -                  | H          | ┝            |            | $\vdash$       | 67         | ₩  | <u> </u>     | <u> </u>       | ├          | $\vdash$     | _        | $\vdash$ | -        | ᅱ        | :    |              |            | ₩          | Ш        | L        |                 | -         | -        | -+       | $\dashv$ | _ |
|       | 18       | ⊢  | ⊢                            | ⊢          | ┢          | H          | L        | -                  | ⊢          | Ŀ            |            | <b> </b>       | 68         | Н  |              | <u> </u>       | ├-         | -            |          | Н        | $\dashv$ | $\dashv$ | •    | <u> </u>     | 118        | ₩          | Н        | Н        | $\vdash$        | $\dashv$  | -        | $\dashv$ | $\dashv$ | _ |
|       | 19       | ┝  | ⊢                            | -          | -          | -          | <u> </u> | -                  | H          | H            |            | <u> </u>       | 69<br>70   | Н  | -            | H              | ⊢          | $\vdash$     |          | $\vdash$ | $\dashv$ | -1       | ٠:   |              | 119        | ₩          | $\vdash$ |          |                 | $\dashv$  | -        | $\dashv$ | +        | _ |
|       | 20       | ⊢  | ⊢                            | ⊢          | ┢          | ⊢          | ⊢        | ⊢                  | -          | <u> </u>     |            |                |            | H  | <u> </u>     | H              | ⊢          | ├-           |          | $\vdash$ | -+       | -1       |      | $\vdash$     | 120<br>121 | ₩          | Щ        | $\vdash$ | -               | $\dashv$  | $\dashv$ | -+       | $\dashv$ | _ |
|       | 21       | _  |                              | ⊢          | ┢          | -          | ⊢        | ⊢                  | -          | ⊢            |            | $\vdash$       | 71         | H  | ⊢            | ┡              | ├          | -            |          | $\vdash$ | -        |          |      | <u> </u>     |            | ₩          | Н        |          | Н               | $\dashv$  | -        | +        | $\dashv$ | _ |
|       | 22       | <del> </del>                                     | H                            | ┡          | ⊢          | ⊢          | ⊢        | ⊢                  |            | $\vdash$     | ٠٠         | <u> </u>       | 72         | H  | H            | -              | ⊢          | ⊢            |          | Н        | $\dashv$ | $\dashv$ | ٠.و  | <u> </u>     | 122<br>123 | ₩          | Н        | $\vdash$ | Н               | $\vdash$  | $\dashv$ | $\dashv$ | +        | _ |
| _     | 23       | ⊢  | -                            | ⊢          | ┈          | ├          | ┡        | ⊢                  | _          | -            | ١.         | <u> </u>       | 73         | H  | L            | <u> </u>       | <u> </u>   | -            |          | $\dashv$ | $\dashv$ |          |      |              |            | ╫          | Н        | $\vdash$ | Н               | Н         | $\dashv$ | $\dashv$ | $\dashv$ | _ |
|       | 24       | ⊢  | ├-                           | ├-         | ⊢          | ├          |          | ┝                  | -          | -            | ł          |                | 74         | H  | Н            | ⊢              | ⊢          |              |          | Н        | -+       | $\dashv$ |      | <u> </u>     | 124        | ₩          | Н        | H        | Н               | $\dashv$  | $\vdash$ | $\dashv$ | $\dashv$ | - |
|       | 25       | ⊢  | ⊢                            | ⊢          | ⊢          | ├          | ├-       | ┝                  | H          | ⊢            |            |                | 75         | ₩  | H            | -              | ⊢          | -            |          | Н        | $\dashv$ | $\dashv$ |      | <u> </u>     | 125        | ₩          | Н        | Н        | Н               | Н         |          | $\dashv$ | 4        | _ |
|       | 26       | ⊢  | L                            | <u> </u>   | ⊢          | L          | -        | ┝                  | H          | _            |            |                | 76         | H  |              |                | -          | <b>├</b>     |          |          | -        |          |      | <b></b>      | 126        | μ,         | Н        | -        |                 | -         |          | $\dashv$ | -        | _ |
|       | 27       | ⊢  | <b> -</b> -                  | ╀          | <b>!</b>   | L          | <u> </u> | ├-                 | -          | <b> </b>     | ł          | <u> </u>       | 77         | H  | $\vdash$     | <del> </del>   |            | _            | _        | Н        | -+       | -        |      | <u> </u>     | 127        | M          | Н        | H        | Н               | $\vdash$  | $\dashv$ | -        | +        | _ |
| _     | 28       | <u> </u>   | L.                           | ⊢          | ┞-         | <u> </u>   | <b>!</b> | ļ                  | H          | _            | l          | <u> </u>       | 78         | ₩  | L            | ┡              | ┞-         | _            | _        | Н        | -        |          |      | <u> </u>     | 128        | -          | Н        | <u> </u> | Н               | $\square$ | -        | 4        | 4        | _ |
|       | 29       | <b>!</b>   | L.                           | <b> </b> _ | ┡          | ⊢          | ├-       | _                  | _          | ┡            | ١.         | <u> </u>       | 79         | ╀  | _            | L              | _          | _            | _        | Н        |          | _        | ٠    |              | 129        | ├-         | Щ        | _        | Н               |           |          | 4        | 4        | _ |
|       | 30       | <u>                                     </u>     | L                            | ļ_         | ┞          | <u> </u>   | ╙        | ⊢                  | L.         | ╙            | Į.         |                | 80         | H  | <b>!</b>     | <u> </u>       | <u> </u>   | ļ.,          |          | Щ        | -        | _        |      | <u> </u>     | 130        | ┡          | _        | Н        | Н               |           | -        | -        | 4        | _ |
|       | 31       | ▙  | L                            | ļ_         | ↓_         | <u> </u>   | <u> </u> | ┢                  | L          | ┡            | 1.         |                | 81         | Н-   | <b>!</b> —   | <u> </u>       | ⊢          | <u> </u>     | _        | Н        | -        | _        |      | <u> </u>     | 131        | <b>├</b>   | ш        | Н        | ш               | $\vdash$  |          |          | 4        | _ |
|       | 32       | <u> </u>   | L                            | ļ          | ╙          | <u> </u>   | _        | <b>!</b>           |            | ╙            |            | <u> </u>       | 82         | Ц.   | ╙            | Ļ              | ᆫ          | L            |          | Н        | 4        |          | 1    | <u> </u>     | 132        | ļ          | Ш        | L.       | Н               |           | _        | _        | 4        | _ |
|       | 33       | ┡  | L                            | ╙          | <u> </u>   | <u> </u>   | _        | ╙                  |            | <u> </u>     | ŀ          | <u> </u>       | 83         | Щ  | <u> </u>     | ┡              | ┞_         | ┡            |          | Н        | _        | _        | •    |              | 133        | ┡          | Н        | _        | Н               | Н         |          |          | 4        | _ |
|       | 34       | <u> </u>   | _                            | ┡          | <b>L</b>   | _          | <b>!</b> | <b> </b> _         | _          | <u> </u>     | Į          |                | 84         | Н  | _            | <u> </u>       | <b> </b> _ | _            |          | Н        | -1       | -1       |      | <u> </u>     | 134        | ┡          | Н        | $\vdash$ | Ш               | Щ         |          | $\dashv$ | 4        | _ |
|       | 35       | _  | L                            | _          | ┖          | L          | Ļ.,      | <b> </b> _         |            | <u> </u>     | Į          |                | 85         | Н  | _            | _              | ļ.,        | <u> </u>     |          | _        | 4        | _        |      |              | 135        | Ļ          | Н        | <b> </b> | Н               | Щ         |          | -        | -        | _ |
|       | 36       | _  | <u> </u>                     | ┡          | <b> </b> _ |            | _        |                    | _          | <u> </u>     | Į          | <u> </u>       | 86         | ${\sf H}$  | <b>—</b>     | $\vdash$       | <b> </b>   | _            | $\Box$   | ╙        | 4        | _        |      |              | 136        | ⊢          | Н        | $\vdash$ | Н               | Щ         | Ш        | 4        | _        | _ |
|       | 37       | ۰  | <b>L</b>                     | ļ          | ┞-         | <b> </b> _ | _        | L                  | <u> </u>   | <u> </u>     | Į          |                | 87         | L  | -            | <b> </b>       | _          | <u> </u>     |          | Щ        | 4        | _        |      |              | 137        | ┞          | Ш        | _        | Ш               | Щ         |          | _        | 4        | _ |
|       | 38       | <u>  [`</u>                                      | <u>L</u>                     | ╙          | <b>L</b>   | <u> </u>   | <u> </u> | <b> </b>           | Ш          | _            | Į          | <u> </u>       | 88         | Ŀ  | <u> </u>     | 1              | <b>!</b>   | <b> </b>     | Щ        | Щ        | _        | _        |      | <u> </u>     | 138        | ┡          | Щ        | <u> </u> | Щ               | Щ         | $\Box$   | $\dashv$ | _        | _ |
|       | 39       | 11_  | L                            | <b>L</b>   | <u> </u>   | <u> </u>   |          | <u> </u>           |            | <u> </u>     | Į          |                | 89         | <u></u>  | 14           | L              | <u> </u>   | $\vdash$     | Ш        | Щ        | _        |          |      | <u> </u>     | 139        | _          |          | Щ        | Ш               | Ш         | Ш        | _        | 4        | _ |
|       | 40       | Щ_   | L.                           | <b>L</b>   | L          | _          | L        | <b> </b>           | <u> </u>   | L            | Į          |                | 90         | <u> </u>   | 11           | L_             | _          | L            | Ш        | Ц        |          | _        |      | <u> </u>     | 140        | ┞-         | Щ        | <u> </u> | Ш               | Щ         | Ш        | _        | 4        | _ |
|       | 41       | Щ_   | L                            | ↓_         | <b> </b>   | <b> </b>   | _        |                    |            | <u>_</u>     | Į          | Ь—             | 91         | _  | Ш            | <u> </u>       | _          | $oxed{oxed}$ | Ш        | Щ        | ļ        | _        |      | <u> </u>     | 141        | ↓_         | Щ        | <b>!</b> | Щ               | Щ         |          | _        | 4        | _ |
|       | 42       | Щ.   | _                            | ┞          | ┖          | _          | <b>_</b> | $\vdash$           | L          | <u> </u>     | 1          |                | 92         | <u> </u>   | Ш            | <u> </u>       | <b>!</b>   | $\vdash$     | Ш        | Щ        | _        | _        |      | <u> </u>     | 142        | ╙          | Ш        | <b>!</b> | Ш               | Ш         |          | 4        | _        | _ |
|       | 43       | Щ_   | $ldsymbol{ldsymbol{\sqcup}}$ | _          | ┖          | L          | $\vdash$ | oxdot              | lacksquare | _            |            |                | 93         | <u> </u>   | Ш            | _              | $\vdash$   | L            |          | Ш        | _        |          |      |              | 143        |            | Ш        | L.       | Ш               | Ш         |          | _        | 4        | _ |
|       | 44       | 1  | _                            | _          |            |            | $\vdash$ | _                  |            | _            |            |                | 94         | L  | Ш            |                |            |              |          | Ш        | _        |          |      |              | 144        | 1          | Ш        |          | Ш               | Ш         |          | ┙        | 4        |   |
|       | 45       | 11   |                              |            |            |            |          |                    |            |              |            |                | 95         |  | Ш            |                | _          |              | -        |          |          |          |      |              | 145        |            |          |          |                 |           | T'AL     |          | _        |   |
| _     | 46       | Щ  | <u></u>                      | _          |            | L_         |          | L.                 | Щ          | Ц.           |            |                | 96         | <u></u>  | Щ.           | )              | <u> </u>   | $oxed{oxed}$ |          | Ш        |          |          |      |              | 146        | _          | Ш        | Ш        |                 | Щ         |          |          | _        | _ |
|       | 47       | Ш  | L                            | ┖          | <u> </u>   | <u>L</u>   | _        | <u> </u>           | Ш          | L.           |            |                | 97         | _  | $\mathbf{L}$ | _              | <u> </u>   | $\sqcup$     |          | Ш        | 4        | _        |      |              | 147        | ┞          | Ш        | _        | Ш               | Щ         |          |          | 4        | _ |
|       | 48       | Щ  |                              | L          |            | _          |          | $oxedsymbol{oxed}$ | L          | L_           |            |                | 98         | L  | V            | L              | L          | ┖            |          | $\Box$   | _[       |          |      |              | 148        | L          | Ш        |          |                 | Ш         |          |          | <b>二</b> | _ |
| _     | 49       | レ  |                              | L          | <b>!</b>   | L.         |          |                    |            | L            | Į          |                | 99         | <u> </u>   | M            | _              |            | $oxed{oxed}$ |          | Ш        |          |          |      | <u></u>      | 149        | <b>Ļ</b> _ | Ш        | Щ        | Ш               | Ш         |          |          |          | _ |
|       | 50       | +  | 1                            | I          | 1          |            | ΙĪ       | ı                  |            |              |            | 1              | 100        | l  | ٠, ١         | V T            | I _        |              |          |          | Т        | $\neg$   |      | ı — —        | 150        | 1          |          |          | 1 1             |           |          | - 1      |          |   |